

# Soil Boring Plan Checklist

## Municipal Solid Waste Permits Section

### Waste Permits Division

This checklist may be used to aid in preparing or reviewing a Soil Boring Plan (SBP). SBP requirements for landfills are contained in Title 30 Texas Administrative Code (30 TAC), Chapter 330, Section 330.63(e)(4); SBP requirements for compost facilities that require a permit are contained in 30 TAC Chapter 332, Section 332.47(6)(B)(iv)(II).

Facility Name: \_\_\_\_\_

Applicant Name: \_\_\_\_\_

MSW Permit No.: \_\_\_\_\_

Location of Facility: (county) \_\_\_\_\_

Type of Facility: \_\_\_\_\_

Date Received: \_\_\_\_\_

Date Assigned: \_\_\_\_\_

Technical Reviewer: (printed name) \_\_\_\_\_

Date Review Completed: (signature and date) \_\_\_\_\_

Supervisor: (printed name) \_\_\_\_\_

Date Review Completed: (signature and date) \_\_\_\_\_

Table 1. Soil Boring Plan Checklist.

Description	Regulatory Citation (30 TAC unless noted otherwise)	Location of Information in Application	Technically Adequate (Yes, No, or Not Applicable) [for TCEQ use]	Comments
1. SBP prepared and sealed by a qualified groundwater scientist 2.	§330.63(e) §332.47(6)(B) §330.57(f)(3)			
3. SBP submitted for Executive Director (ED) approval prior to work	§330.63(e)(4) §332.47(6)(B)(iv)(I)			
4. Map showing locations of all soil borings and piezometers	§330.63(e)(4) §332.47(6)(B)(iv)			
5. Total site acreage indicated in text and on map	§330.63(e)(4) §332.47(6)(B)(iv)			
6. Table showing depths and elevations of all soil borings and piezometers	§330.63(e)(4) §332.47(6)(B)(iv)			
7. Elevation of deepest excavation (EDE) provided; also lowest elevation on site for compost permit	§330.63(e)(4)(B) §332.47(6)(B)(iv)(II)			
8. Sufficient number of soil borings at least 30 feet below EDE	§330.63(e)(4)(B) §332.47(6)(B)(iv)(II)			
9. For landfills, remaining soil borings at least 5 feet below EDE	§330.63(e)(4)(B)			
10. Sufficient number of Soil Borings to establish the subsurface stratigraphy	§330.63(e)(4)(A) §332.47(6)(B)(iv)(I)			
11. Sufficient soil borings to delineate the uppermost aquifer and lower confining unit	§330.63(e)(4)(B) §332.47(6)(B)(iv)(II)			
12. Deep test hole(s) to first perennial aquifer if uppermost aquifer between 50 and 300 feet below EDE	§330.63(e)(4)(B) §332.47(6)(B)(iv)(II)			
13. If uppermost aquifer greater than 300 feet below EDE/lowest site elevation, was other information provided instead of deep boring(s)?	§330.63(e)(4)(B) §332.47(6)(B)(iv)(II)			
14. Modification of the number and depth of soil borings approved by ED	§330.63(e)(4)(E) §332.47(6)(B)(iv)(I)			
15. Geophysical methods used to reduce the number of soil borings	§330.63(e)(4)(F)			
16. All borings will be conducted in accordance with established field methods	§330.63(e)(4)(C) §332.47(6)(B)(iv)(III) )			

Description	Regulatory Citation (30 TAC unless noted otherwise)	Location of Information in Application	Technically Adequate (Yes, No, or Not Applicable) [for TCEQ use]	Comments
17. Installation, abandonment and plugging in accordance with State regulations, including applicable rules in Title 16 TAC Chapter 76 (TDLR Water Well Drillers and Water Well Pump Installers rules), and in accordance with monitor well construction specifications for piezometers to be used as monitor wells	§330.63(e)(4)(D) §330.421(a)(1)(B) §332.47(6)(B)(iv)(IV)  16 TAC §76.702 16 TAC §76.1004			
18. Geotechnical testing on at least one sample from each soil layer or stratum that will form the bottom and side of the proposed excavation and from those that are less than 30 feet below EDE	§330.63(e)(5)(A)			